

## WHAT IS CLAIMED IS:

- 1 1. A cellular phone capable of attaching an attachment thereto,  
2 comprising:  
3 a signal detection unit for detecting a signal intrinsic  
4 to the attached attachment; and  
5 a control unit for controlling at least one of a change  
6 of setting conditions and an addition of functions of the cellular  
7 phone based on the signal.
- 1 2. The cellular phone according to claim 1,  
2 wherein a type of the attached attachment is identified  
3 by the signal.
- 1 3. The cellular phone according to claim 1, further comprising:  
2 a terminal that transmits/receives a signal to/from the  
3 attached attachment; and  
4 a power supply terminal that supplies electric power to  
5 the attachment.
- 1 4. The cellular phone according to claim 1,  
2 wherein the setting conditions for the cellular phone are  
3 at least one of a display mode on a display unit, a ringtone,  
4 a memory access, and a communication limitation.
- 1 5. The cellular phone according to claim 1, further comprising  
2 a display unit on a back portion.
- 1 6. The cellular phone according to claim 1,  
2 wherein a back portion attaches the attachment thereto.

1 7. The cellular phone according to claim 5,  
2 wherein the control unit controls the display unit.

1 8. The cellular phone according to claim 5,  
2 wherein the control unit controls a part of the display  
3 unit in accordance with a type of the attachment attached to  
4 the back portion.

1 9. The cellular phone according to claim 5,  
2 wherein a part of the display unit includes a function  
3 of a touch panel, and  
4 the control unit controls the touch panel.

1 10. The cellular phone according to claim 1,  
2 wherein the attachment is arranged on at least one of a  
3 display unit arrangement surface and an operation unit  
4 arrangement surface on a front surface of the cellular phone.

1 11. The cellular phone according to claim 1,  
2 wherein the front surface of the cellular phone includes  
3 at least one of a recess portion and a protruding portion for  
4 attaching the attachment.

1 12. The cellular phone according to claim 1,  
2 wherein the cellular phone is of a folding type.

1 13. The cellular phone according to claim 1,  
2 wherein the control unit recognizes attachment of the

3 attachment and a type thereof, and executes a control operation  
4 after confirming a predetermined entry.

1 14. The cellular phone according to claim 1,  
2 wherein, when the attachment is detached, the control unit  
3 returns the setting conditions for the cellular phone to original  
4 ones.

1 15. An attachment attached to a cellular phone, comprising:  
2 a signal output unit which outputs a specific signal  
3 corresponding to a type of the attachment; and  
4 an output terminal that outputs the signal to the cellular  
5 phone.

1 16. The attachment according to claim 15, further comprising  
2 a function unit which performs a predetermined function.

1 17. The attachment according to claim 16,  
2 wherein the function unit is at least one of a camera,  
3 a speaker, a display unit, and a touch panel.

1 18. The attachment according to claim 16, further comprising  
2 a control unit that controls the function unit.

1 19. The attachment according to claim 15, further comprising  
2 an opening portion of a predetermined shape,  
3 wherein the attachment is arranged on at least one of a  
4 display unit arrangement surface and an operation unit  
5 arrangement surface of the cellular phone.

1 20. The attachment according to claim 15,  
2 wherein the attachment is arranged on a backside of the  
3 cellular phone.

1 21. The attachment according to claim 20, further comprising  
2 a transparent portion of a predetermined shape.

1 22. The attachment according to claim 21,  
2 wherein the transparent portion is an opening portion.

1 23. The attachment according to claim 21,  
2 wherein a transparent plate is formed in the transparent  
3 portion.

1 24. The attachment according to claim 21,  
2 wherein the transparent portion is located at a position  
3 corresponding to a display unit on a back of the cellular phone.

1 25. The attachment according to claim 24,  
2 wherein the transparent portion corresponds to a part of  
3 the display unit.

1 26. The attachment according to claim 15,  
2 wherein the attachment is engaged onto the cellular phone.

1 27. The attachment according to claim 15,  
2 wherein the attachment is fastened to the cellular phone  
3 by means of a screw.

1 28. The attachment according to claim 15,  
2 wherein each of the attachment and the cellular phone  
3 includes any or both of a protruding portion and a recess portion,  
4 and

5 the attachment is attached to the cellular phone by  
6 inserting the protruding portion into the recess portion.

1 29. The attachment according to claim 15, further comprising  
2 a terminal which receives a supply of electric power from the  
3 cellular phone.

1 30. The attachment according to claim 15,  
2 wherein the cellular phone is of a folding type.

1 31. The attachment according to claim 15,  
2 wherein the specific signal is changeable such that a  
3 desired setting condition is set in the cellular phone.

1 32. A cellular phone to which a detachable attachment is attached,  
2 wherein the attachment includes a signal output unit which  
3 outputs a specific signal corresponding to a type thereof, and  
4 an output terminal which outputs the signal to the cellular phone,  
5 and

6 the cellular phone includes a signal detection unit which  
7 detects the specific signal outputted by the attachment, and  
8 a control unit which controls a change for setting conditions  
9 of the cellular phone based on the signal.

1 33. The cellular phone according to claim 32,  
2 wherein the attachment includes a function unit which  
3 perform a predetermined function, and  
4 the control unit controls at least one of the change for  
5 the setting conditions and an addition of functions of the  
6 cellular phone.